

**What is claimed is:**

1. A method for displaying the characters on a TV screen, comprising:  
5       creating instantly the character model information;  
      displaying the created character model information on the TV screen in a  
corresponding form of the characters.

10       2. The method according to claim 1, wherein the character model information  
being created in said creating step using a predetermined algorithm.

      3. The method according to claim 1, wherein the character model information  
being created instantly in said creating step using the TV OSD software.

15       4. A kind of device for displaying the characters on a TV screen, comprising:  
      a character model information creating device for creating the character  
model information instantly;  
      a character displaying device for displaying the created characters model  
information on the TV screen in a corresponding form of the character.

20       5. A method for displaying a TV OSD figure on a TV screen, comprising:  
      writing-in the predetermined figure characteristic into a specified RAM of the  
TV;

25       writing-in the predetermined character characteristic into a specified RAM of  
the TV;

      creating the character model information instantly in a predetermined figure  
variation sequence according to said figure and character characteristics;

30       writing-in the created character model information into a specified RAM of the  
TV, in order to make the TV OSD figure consist ing of the corresponding  
characters vary gradually on the TV screen.

      6. The method according to claim 5, further comprising:

reading the predetermined figure and character characteristics from a specified TV device.

5        7. The method according to claim 5, wherein said figure characteristic comprising:  
      varying characteristic of the figure.

      8. The method according to claim 5, wherein said figure characteristic comprising:  
10        the shape of the figure, the size of the figure and the position on the screen of the figure.

      9. The method according to claim 5, wherein said character characteristic comprising:  
15        the color of the character and the position on the TV screen of the character.

      10. The method according to claim 5, wherein the step of writing-in the created character model information further comprising a delaying step in order to control the rate of the figure variation.  
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      11. The method according to claim 5, wherein in the step of writing-in the created character model information said characters being a series of characters which becomes transparent gradually in a predetermined sequence from the upper verge and the lower verge to the central area, and said characters look like  
25        opening and closing of a shutter when the figure consisting of said characters on the TV screen varies in a predetermined sequence.

      12. The method according to claim 11, wherein the character model information of said series of characters which becomes transparent gradually  
30        toward the central area in a predetermined sequence being created instantly using a loop algorithm of the TV OSD software, and said loop algorithm gradually setting

the lattice of a whole line into zero step by step from the upper and lower verges to the central area of the characters.

5 13. A kind of device for displaying a TV OSD figure on a TV screen, comprising:

a figure characteristic writing-in device for writing-in the predetermined figure characteristic into a specified RAM of the TV;

a character characteristic writing-in device for writing-in the predetermined character characteristic into a specified RAM of the TV;

10 a character model information creating device for creating the character model information instantly in a predetermined figure variation sequence according to said figure and character characteristics; and

15 a figure displaying device for writing-in the created character model information into a specified RAM of the TV, in order to make the TV OSD figure consisting of the corresponding characters vary gradually on the TV screen.

20 14. The device according to claim 13, further comprising a information reading device for reading the predetermined figure and character characteristics from a specified device of the TV.

25 15. The device according to claim 13, wherein said characters being a series of character which becomes transparent gradually in a predetermined sequence from the upper verge and the lower verge to the central area, and said characters look like opening and closing of a shutter when the figure consisting of said characters on the TV screen varies in a predetermined sequence.

16. A kind of TV, comprising:

a screen;

a screen character displaying device, further comprising:

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a character model information creating device for creating the character model information instantly; and

a character displaying device for displaying the created character s in the corresponding character form on the TV screen.

17. A kind of TV, comprising:

a screen;

a screen figure displaying device, further comprising:

a figure characteristic writing-in device for writing-in the predetermined figure characteristic into a specified RAM of the TV;

a character characteristic writing-in device for writing-in the predetermined character characteristic into a specified RAM of the TV;

a character model information creating device for creating the character model information instantly in a predetermined figure variation sequence according to said figure and character characteristics;

a figure displaying device for writing-in the created character model information into a specified RAM of the TV, in order to make the TV OSD figure consisting of the corresponding characters vary gradually.

18. A method for displaying a TV OSD figure on a TV screen, comprising:

writing-in the predetermined figure characteristic into a specified RAM of the

TV;

writing-in the predetermined character characteristic into a specified RAM of the TV;

reading the character model information in a predetermined figure variation sequence from a character storage stored in a specified position of the TV according to said figure and character characteristics;

writing-in the read character model information into a specified RAM of the TV in order to make the TV OSD figure consisting of the corresponding character s looks like opening and closing of a shutter when it varies gradually on the TV screen.

19. A kind of method for setting a TV OSD figure on a TV screen when turning on or turning off the TV, comprising:

prompting the optional items of the TV OSD figure characteristic on the TV screen;

accepting the selection and confirmation of an user for the TV OSD figure characteristic; and

5 writing-in the received confirmation information into a non-volatile storage of the TV.

20. The method according to claim 19, wherein said figure characteristic comprising:

10 the using opportunity of the figure; the type of the figure; the color of the figure; the shape of the figure; the size of the figure; the position on the screen of the figure and the variation characteristic of the figure.